

Name: _____ Date: _____ Period: _____

Unit 4 – Solving Multi-Step Equations Quiz 2

Vocabulary. Match each word to its definition. (2.5 points)

_____ Solution of an equation	A. an equation that is true for every value
_____ Identity	B. To separate from others
_____ Isolate	C. Operations that undo each other
_____ Inverse Operations	D. Any value(s) that make an equation true
_____ No Solution	E. No values make an equation true

Solve. (2 points each) If identity or no solution, write *identity* or *no solution*.

$$4(b - 1) = -4 + 4b$$

$$9 + 5x = 7x + 9 - 2x$$

The perimeter of a pool table is 30 ft. The table is twice as long as it is wide. What is the length of the pool table? (3.5 points)

